

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

7 1/2	Series
2.68	
1.1 E	
Carmel 15' quad	
15Y-1.35-7.1E	

Locate well on plat of section.

- #218
- Location: State New York County Putnam  
Nearest P. O. Towners Direction from P. O. center  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Patterson
  - Owner: Engelhart & Koenig - furniture factory Address Towners  
Driller: Frank Carroll Address Brewster, N.Y.
  - Situation: Is well on upland, in valley, or on hillside? Valley - just south of plant
  - Elevation of top of well: 450 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)
  - Type of well: Drilled; kind of drilling rig used St.  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
  - Depth of well: 110 ft.; year in which well was finished 1948  
105' drilled Does well enter rock? Yes; if so, at what depth? 20-15' ft.; kind of rock gneiss  
black rock
  - Diameter: At top 6 inches; at bottom 6 inches.  
14-15' clay
  - Principal water bed: Rock - gneiss lots of mica  
(Gravel, sand, clay, or rock. If rock, state kind)  
Depth to principal water bed \_\_\_\_\_ ft.; thickness of bed \_\_\_\_\_ ft.  
If other water supplies were found, give depth to each \_\_\_\_\_
  - Casings: Kind steel; size 6"; length 33-35 ft.; between depths of 0 and 33-35 ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.
  - Packers (if any): Depth at which packers were used new; kind \_\_\_\_\_
  - Screen or Strainer: Was well finished with screen? no; kind of screen \_\_\_\_\_;  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_
  - Head: Does well at present overflow without pumping? No; did it overflow when new? No;  
if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;  
original pressure or head \_\_\_\_\_; if not flowing, give water level in well 14 ft. below surface.
  - Pump: Is the well pumped? Yes; kind of pump jet driller - 22' static driller  
size or capacity of pump \_\_\_\_\_; kind of power elec.
  - Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 40 gallons per minute continuously for 4 hours;  
quantity of water ordinarily obtained from well 400 gallons per day. Don't whitson from owner
  - Use: For what purpose is the water used? Industrial Dom - 20 men - drinking + toilet use
  - Quality of the water: Soft - high iron; is there an analysis? pending  
(Hard or soft, fresh or salty, etc.)
  - Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.  
Name of person filling blank PWC from plant report
  - Date 6/9/49 Address L.M. Pham Driller & Drsg. for Frank Carroll

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

\* pumped water level 40' - driller used 80' of drop pipe for pumping

5-15-50



## LOG OF WELL

**KIND OF ROCK OR OTHER MATERIAL**  
(Give color and tell whether hard or soft)

DEPTH, IN FEET

From—

To—

THICKNESS,  
IN FEETREMARKS  
(Especially information as to water found)

Soil  
Cobblestones & gravel  
Bedrock

↑

1

1

15

14

15

105

90

Black rock - lots of mica  
Spersed 14' - 15' day.

Test. Pumped 15 gallons more to

38' of drawdown in at 15 GPM in 4 hours.  
- Janet Carroll

Drain down 18' feet - Leo Page.